

RETRACTABLE PANEL INTERFACE CABLE DEVICE AND METHOD

Cross-Reference to Related Applications

This application is related to the following co-pending, commonly assigned U.S. patent applications: "Slide-in Connector Plate for Avionic Unit Rack," attorney docket no. 1528.028US1; "Electronic Equipment Module Mounting Apparatus and Method," attorney docket no. 1528.029US1; "System and Method for Mounting Units for an Avionic Display," attorney docket no. 1528.030US1; "Electronic Equipment Module Apparatus and Method," attorney docket no. 1528.032US1, each of which the disclosure is herein incorporated by reference in its entirety.

Field of the Invention

The invention relates to mounting devices and methods routing communication lines between devices. Specifically, this invention relates to mounting devices and methods of routing communication lines for avionic equipment in an aircraft.

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Background of the Invention

In aviation, there is an increasing presence of computerized and electronic equipment for applications such as instrumentation and navigation. The term avionics refers generally to electronics in an aviation setting. In aviation, electronic sensors are used to monitor airspeed, electronic transmitters are used for communications, and newer applications such as use of global positioning systems (GPS) are being utilized in aircraft of all sizes.

Pricing of equipment for aircraft is competitive, and not all aircraft require the same combination of instrumentation options. To lower costs and to increase the number of end user options, more flexibility in avionic equipment is needed. In response to the need for flexibility, the electronic instrumentation industry has